Programme

Western Canada Dairy Convention

Comprising:

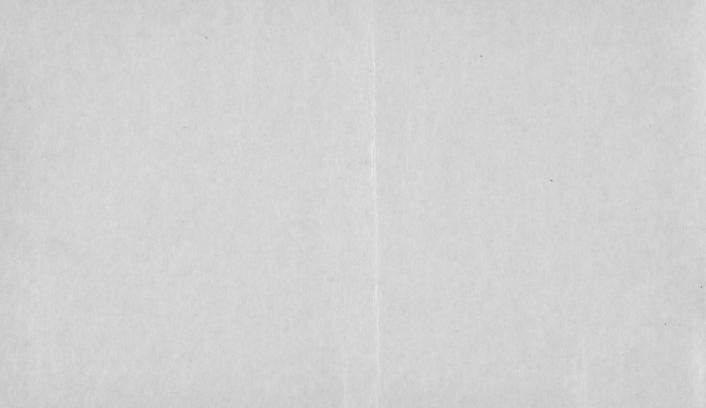
ALBERTA'S TWENTY-SECOND ANNUAL DAIRY CONVENTION
ANNUAL GENERAL MEETING OF THE ALBERTA DAIRYMEN'S ASSOCIATION AND ITS SEVERAL SECTIONS
NATIONAL DAIRY COUNCIL OF CANADA, WESTERN EXECUTIVE
WESTERN CANADA ICE CREAM MANUFACTURERS' ASSOCIATION
ANNUAL MEETING ALBERTA CO-OPERATIVE DAIRY PRODUCERS, LIMITED

To be held at

Hotel Macdonald, Edmonton, Alberta

TUESDAY, WEDNESDAY, THURSDAY AND FRIDAY FEBRUARY 8th, 9th, 10th and 11th, 1927

Printed by direction of Hon. Geo. Hoadley, Minister of Agriculture.



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MACDONALD HOTEL, CONVENTION HEADQUARTERS



Convention Committees

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ICE CREAM COMPETITION

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P. Pallesen, Calgary W. W. PREVEY, M.L.A., Edmonton E. T. Love, Edmonton

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Vice-Chairman: A. F. Pals, Lloydminster

Secretary-Treasurer: J. E. Cogan, Edmonton

Committee A. K. Madsen, Irma H. KIRKLAND, Hardisty

NATIONAL DAIRY COUNCIL

Producers' Representative: D. J. Christie, Edmonton South Manufacturers' Representative: W. W. Prevey, M.L.A., Edmonton Alternative: E. R. RASMUSSEN, Wetaskiwin Alternative: J. W. SKELLY, Calgary

Contributors to the Convention Prize List

The Department of Agriculture, Alberta

The Alberta Dairymen's Association

P. Burns & Co. Ltd., Calgary

Capital City Box Co. Ltd., Edmonton

Northern Box Co. Ltd., Edmonton

Bankers' Clearing Association of Edmonton

The Trudel Fur Manufacturers, Ltd., Edmonton

The Canadian Salt Co. Ltd., Windsor, Ont.

De Laval Co. Ltd., Winnipeg, Man.

The Alberta Dairy Supplies, Ltd., Edmonton

The Drimilk Company, Limited, Winnipeg

Edmonton Cold Storage Co. Ltd., Edmonton

City of Vancouver, B.C.

J. J. Logan, Vancouver Ice and Cold Storage Co. Ltd., Vancouver, B.C.

Note.—Several "Inter-Provincial" Contests, open to buttermakers in the Provinces of Manitoba, Saskatchewan, Alberta and British Columbia, will be judged at the Manitoba Dairy Convention, Winnipeg, January 25th, 26th and 27th, and at the Saskatchewan Dairy Convention, Saskatoon, February 2nd, 3rd and 4th, 1927. The details of these contests have been announced.

Programme

GIRLS AND BOYS' JUDGING COMPETITION

TUESDAY, FEBRUARY 8th, 1927

Judges: Prof. J. P. Sackville, Dept. of Animal Husbandry, University of Alberta S. G. Carlyle, Live Stock Commissioner

9.30 a.m. Dairy Cattle Judging Competition, at the Dept. of Animal Husbandry, University of Alberta.

All contestants will meet at the Royal George Hotel, 101st Street, Edmonton, at 9 o'clock sharp, to be conducted to the University of Alberta.

WEDNESDAY, FEBRUARY 9th, 1927

Judges: Prof. J. E. Bowstead, Dept. of Animal Husbandry, University of Alberta H. S. Pearson, Provincial Dairy Instructor

9.30 a.m.—Girls and Boys' Dairy Demonstration, at the Macdonald Hotel, when the work of the several teams will be judged.

For list of prizes see Page 19 of this Programme.

TUESDAY, FEBRUARY 8th, 1927

PRODUCERS' SECTION OF THE ALBERTA DAIRYMEN'S ASSOCIATION

9.30 a.m.—Report of Chairman	D. J. Christie, Strathcona
Report of Secretary	Thos. Noble, Daysland
General Business and Election of Officers	
10.00 a.m.—Annual Meeting of the Alberta Co-operative Dairy Pro	oducers, Limited
4.00 p.m.—Address	C. P. Marker, Dairy Commissioner

TUESDAY, FEBRUARY 8th, 1927

MANUFACTURERS' SECTION OF THE ALBERTA DAIRYMEN'S ASSOCIATION

10.00 a.m.—General Business and Election of Officers for the ensuing year.

TUESDAY, FEBRUARY 8th, 1927

BUTTER, CHEESE AND ICE CREAM MAKERS' SECTION

- 9.30 a.m.—Butter and Cheese Judging Contests, at the University of Alberta, Department of Dairying, 140 South Laboratory Building. Score Standards with typical samples, and Plan of Contest.
- 10.00 a.m.—Commence Judging.
- 10.45 a.m.—Finish Judging. Commence Composition Test of Butter.
- 11.30 a.m.—Finish Test and hand in reports.

TUESDAY AFTERNOON, FEBRUARY 8th, 1927

(At the University of Alberta)

- 1.00 p.m.—Short talks and demonstrations by members of the Dairy Branch Staff on the subjects of handling of cream prior to, and during, pasteurization; moulds and yeasts analyses; composition tests of butter, etc. General Business of Section and Election of Officers, followed by meeting of newly elected executive.
- 2.00 p.m.—Ice Cream Scoring Competition at the Edmonton Cold Storage, Edmonton. (See Page 18 of Prize List.)

TUESDAY EVENING, FEBRUARY 8th, 1927 JOINT MEETING OF ALL SECTIONS

Chairman: H. A. CRAIG

8.00 p.m.—Appointment of Resolutions Committee.

Address Dr. H. M. Tory, President, University of Alberta.

Address Hon. Geo. Hoadley, Minister of Agriculture.

WEDNESDAY MORNING, FEBRUARY 9th, 1927

Chairman: W. W. PREVEY, M.L.A., President A.D.A.

9.00 a.m.—Registration.

9.30 a.m.—Annual General Meeting Alberta Dairymen's Association.

"Some Things to be Considered for 1927"____Dr. J. A. Ruddick, Dairy and Cold Storage Commissioner,

Our Visitors.

WEDNESDAY AFTERNOON, FEBRUARY 9th, 1927

Chairman: N. S. Clarke

1.30 p.m.—Announcement and Presentation of Prizes.

2.00 p.m.—"Factors in the Cost of Producing Dairy Products" _Prof. J. P. Sackville, Dept. of Animal Husbandry, University of Alberta.

"Forage Crops" ______PROF. J. R. FRYER, Department of Field Husbandry,
University of Alberta.

Mr. S. G. Carlyle, Live Stock Commissioner, will lead in the discussion.

WEDNESDAY EVENING, FEBRUARY 9th, 1927

THURSDAY MORNING, FEBRUARY 10th, 1927

9.30 a.m.—"Dairy Demonstration," by the winning team in the Girls and Boys' Competitions, Address Norman S. Clarke. Address W. W. Prevey, M.L.A. Our Visitors.

THURSDAY AFTERNOON, FEBRUARY 10th, 1927

1.30 p.m.—"Surface Taint in Butter"
DR. E. G. Hoop, Chief, Division of Dairy Research, Ottawa. Address Prof. H. A. Bendixen, Moscow, Idaho. 3.00 p.m.—Conference with National Dairy Council Executive.

THURSDAY EVENING, FEBRUARY 10th, 1927

8.00 p.m.—Some High Lights in Western Canada's Dairy Development. For Manitoba. L. A. Gibson, Dairy Commissioner for Manitoba. For Saskatchewan Percy E. Reed, Dairy Commissioner for Saskatchewan. For British Columbia. Henry Rive, Dairy Commissioner for British Columbia.

FRIDAY MORNING, FEBRUARY 11th, 1927

The following organizations will meet at the call of their presiding officers, at time and place announced during earlier sessions of the Convention:

Western Canada Ice Cream Manufacturers.

Western Canada Creamery Operators.

National Dairy Council, Western Executive.

Memorandum of Contests for Buttermakers

Judges: Jos. Burgess, L. A. Gibson, Jas. R. Flan and W. J. Beckett.

1. The Convention Creamery Butter Exhibit—This exhibit consists of a 14-pound box of butter, solid pack, put up in each of the months of May, June, July, August, September and October.

PRIZES

The Burns Challenge Trophy, with cash prizes of \$25.00 and \$15.00, presented by Messrs. P. Burns & Co., Ltd., Calgary.

The De Laval Alberta Provincial Special, \$125.00 in cash, divided into seven prizes, presented by the De Laval Co. Ltd., as follows:

First prize, \$27.00; second prize, \$23.00; third prize, \$19.00; fourth prize, \$17.00; fifth prize, \$15.00; sixth prize, \$13.00; seventh prize, \$11.00.

2. The "All Canada" Competition. This competition, originated by the Manitoba Dairy Association in 1919 and by it conducted for several years, now follows the Western Canada Dairy Convention, and will, therefore, be for 1927 in charge of the Alberta Dairymen's Association.

Class 1—One 14-pound box, solid pack, made between September 1st and 15th; to be shipped not later than September 15th.

Class 2—One 14-pound box, solid pack, made between October 1st and 15th; to be shipped not later than October 15th.

Prizes will be awarded on the group system and the sum of \$400.00 will be divided among the winners in the two classes.

In addition to cash prizes in each class, gold, silver and bronze medals will be awarded the three exhibitors securing the three highest average scores in the two classes.

If, in either class, an exhibitor fails to score 41 points for flavor for his exhibit, and otherwise to reach the third group standard, he shall be ineligible for prizes for highest average score.

VANCOUVER CHALLENGE TROPHY—A bronze trophy, to be won three times, is offered for the best average score obtained in the classes of the "All Canada" competition.

3. The Creamery Butter Exhibitions' Contest—Open to Alberta buttermakers who exhibited creamery butter at the exhibition held during 1926 at Calgary, Edmonton, Regina, Brandon, Vancouver, Toronto, Ottawa, London. New Westminster, Victoria, and the Royal Winter Fair, Toronto. Trophy presented by the Alberta Department of Agriculture.

Alberta Dairymen's Association Cash Prizes: \$25.00, \$20.00, \$15.00, \$12.00, \$10.00, \$10.00, \$8.00.

4. Western Canada Creamery Butter Exhibitors' Contest—Capt. J. J. Logan, of the Vancouver Ice and Cold Storage Co. Ltd., presented at the 1925 Western Canada Dairy Convention, Vancouver, B.C., a silver challenge trophy for competition in the new contest that is to be known as the Western Canada Creamery Butter Exhibitors' Contest.

The trophy becomes the property of the exhibitor who wins it three times (though not necessarily in succession). During the interval it remains in the custody of the Secretary of the Western Canada Dairy Convention.

5. ALBERTA DAIRY SUPPLIES LIMITED INTER-PROVINCIAL SPECIAL—The Alberta Dairy Supplies Limited, Edmonton, offers the following prizes in the Inter-Provincial Creamery Butter Exhibitors' Contest:

First prize, Challenge Trophy, Gold Medal and \$40.00; second prize, Silver Medal and \$35.00; third prize, \$30.00; fourth prize, \$25.00.

The trophy becomes the property of the exhibitor who wins it three times (though not necessarily in succession). During the interval it remains in the custody of the Secretary of the Western Canada Dairy Convention.

- 6. Butter Judging Contest—Free for all. (See Programme for Tuesday Morning.)
 - 1. The judging will be done upon an individual basis, and each contestant will draw a numbered ballot which will be the key to the series of packages that he will score.
 - 2. Each person participating will score not less than ten packages of butter and will be given three minutes' time for each.
 - 3. Groups of four each are then made up according to the numbers drawn and each group will make a composition test of a given sample of butter by the modified Kohmann method, as follows: The person holding the lowest number in a group will weigh the sample for analysis; the person holding the next higher number will evaporate, and determine the percentage of, its moisture contents; the next in order will determine the percentage of butterfat in the sample; the fourth will titrate for salt contents and record the particulars, calculate the remaining solids of the sample and complete the statement, which will afterwards be signed by all members of the group and handed to the official in charge. The results of the several operations done by the members of each group will be credited equally to them all, hence, any errors that may be made will be chargeable to them all. Forty minutes' time will be allowed for the completion of the composition test.

PRIZES

The Alberta Dairymen's Association will provide the prizes in this Contest, consisting of books to the value of \$75.00. Copies of the following valuable works will be presented: "The Butter Industry," by Prof. O. F. Hunziker; "The Management of Dairy Plants," by Prof. M. Mortensen; "The Principles and Practice of Buttermaking," by McKay and Larsen, and "The Proceedings of the World's Dairy Congress, 1923," in two volumes.

7. The De Laval Inter-Provincial—The three exhibits (six samples in each) which receive the highest score in the De Laval Provincial Special, Sec. 1, will automatically enter the De Laval Inter-Provincial in competition with the two highest scoring groups from corresponding classes in Manitoba and Saskatchewan. Prizes will be awarded, one in each Province, based on the aggregate score of each Provincial group of eighteen samples; first prize to the group having the highest aggregate score, second prize to the group having the next highest aggregate score, and the third prize to the group having the lowest aggregate score. The prize money will be distributed in proportions of 50% of the first prize money to the exhibitor of the highest scoring set of samples in the winning Provincial group, 35% to the second highest scoring set of samples and 15% to the third highest. This plan calls for team play. Where all may score alike, the money will be divided equally between the three exhibitors, or where any two may have the same score, there will be an equal distribution of the money, the amount to be divided depending upon whether they tie for first or second place. The distribution of money representing second and third prizes between exhibitors comprising the other two groups will be in the same proportions, and the same rule, as to ties, shall apply.

First prize, \$50.00; second prize, \$40.00; third prize, \$30.00.

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Memorandum of Contest for Cheesemakers

1. The Convention Cheese Exhibit.

Class 1—One large Export Cheddar\$10.00	\$8.00	\$7.00
Class 2—"Twins" or "Triplets" 10.00	8.00	7.00
Class 3—Collection of Cheese other than the foregoing	10.00	
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All Exhibits in Class 1 shall have been made prior to November 15th, 1926.

2. Cheese-Judging Contest.

(See Programme for Tuesday morning, at University of Alberta, Dept. of Dairying.)

The Alberta Dairymen's Association will award prizes in this Contest, consisting of standard works on "The Principles and Practice of Cheesemaking."

Ice Cream Makers' Competitions

Judges: Prof. H. A. Bendixen, Moscow, Idaho, and two others to be appointed.

1. Western Canada Ice Cream Makers' Competition.

Prizes: The makers of the five highest scoring exhibits will each be awarded equal cash prizes of \$25.00 in gold.

In addition, a suitable trophy will be awarded to the Company whose exhibit receives the highest score.

2. Western Canada Ice Cream Scoring Competition. (At the Edmonton Cold Storage, Tuesday, February 8th, 1927, at 2.00 p.m.)

Duplicates of the ice cream bricks which have been previously scored by the judges will be scored by the contestants in this Competition.

PRIZES: \$20.00, \$15.00, \$10.00, \$10.00, \$5.00, \$5.00.

Regulations governing these competitions have been mailed to all ice cream manufacturers.

Boys and Girls' Competitions

Girls and boys under 18 years of age on February 10th, 1927, are eligible to compete in teams of two.

All competing teams must have had instructions from a member of the staff of the Department of Agriculture, or some other qualified person. For full particulars see announcement.

All prizes in these Competitions are offered by the Alberta Dairymen's Association and the Bankers' Clearing Association of Edmonton.

1. CHALLENGE TROPHY.

Offered by the Bankers' Clearing Association for Dairy Demonstration Competition. The trophy becomes the property of the district which wins it three times (though not necessarily in succession).

2. Dairy Cattle Judging Competition.

Prizes: \$20.00, \$18.00, \$14.00, \$12.00, \$10.00, \$8.00, \$6.00.

3. Dairy Demonstration Competition.

Each competitor will be required to give a demonstration on dairy type, characteristics and essential points of the dairy cow; also to discuss rations for dairy cows.

Charts or diagrams may be used to illustrate.

PRIZES: \$24.00, \$20.00, \$18.00, \$16.00, \$12.00, \$10.00, \$8.00.

Transportation will be provided for all teams competing in the competition. Arrangements will be made to supply members with free rooms and meals while they are in the city. Proper chaperonage will be provided for all girls in competing teams.

BOYS AND GIRLS' COMPETITIONS—(Continued)

3. MILK POSTER COMPETITION.

This Competition is open to all girls and boys attending public, separate and secondary schools, collegiate institutes and preparatory colleges.

Pupils may compete in either of the two following classes:

Class A.—Pupils up to and including Grade VIII.

CLASS B.—Pupils above Grade VIII.

DIVISION No. 1.—Open to Edmonton, Calgary, Lethbridge and Medicine Hat.

Prizes: Class A.—\$4.00, \$3.00, \$2.50, \$2.00, \$1.50, \$1.00, \$1.00, \$1.00. Class B.—\$4.00, \$3.00, \$2.50, \$2.00, \$1.50, \$1.50, \$1.00, \$1.00, \$1.00.

Division No. 2: Open to all towns in Alberta.

Prizes: Class A.—\$4.00, \$3.00, \$2.50, \$2.00, \$1.50, \$1.00, \$1.00, \$1.00. Class B.—\$4.00, \$3.00, \$2.50, \$2.00, \$1.50, \$1.00, \$1.00, \$1.00, \$1.00.

DIVISION No. 3: Provincial Competition.

The following posters will be eligible to compete under this division:

(1) The first three prize winning posters in Classes A and B from each city in Division 1.

(2) The first prize winning poster in Classes A and B from each town competing in Division 2.

All prize winning posters will become the property of the Alberta Dairymen's Association.

TABLE I.—GRADING OF CREAM BY PROVINCIAL CREAM GRADING SERVICE, ALBERTA

Lbs. Cream Graded Lbs. Butterfat Average Fat Test	1922 30,778,344 10,185,277 33.1 per cent.	1923 41,824,366 13,713,758 32.8 per cent.	1924 49,612,861 16,518,954 33.3 per cent.	1925 41,758,535 14,019,009 33.6 per cent.	1926 41,335,317 13,927,259 33.7. per cent.
Table Cream	2.3 per cent.	4.1 per cent.	3.3 per cent.	1.7 per cent.	1.0 per cent.
Special Grade	32.4 per cent.	39.1 per cent.	42.3 per cent.	39.0 per cent.	37.3 per cent.
First Grade	37.3 per cent.	40.5 per cent.	43.2 per cent.	47.1 per cent.	49.2 per cent.
Second Grade	27.2 per cent.	16.1 per cent.	11.0 per cent.	12.0 per cent.	12.1 per cent.
Off Grade	.8 per cent.	.2 per cent.	.2 per cent.	.2 per cent.	.4 per cent.

Department of Agriculture, Dairy Commissioner's Office, Edmonton, January 15th, 1927.

TABLE II.—GRADING OF CREAMERY BUTTER, ALBERTA, 1915-1926

Creamery Butter Graded by Department of Agriculture

			Citamery Dut	mery butter Graded by Department of Agriculture			
	Creamery Butter	Average	Percentage in Each Grade				
Year	Manufactured Pounds	Selling Price	Pounds	Special Grade	First Grade	Second Grade	Off Grade
1915	7,544,148	26.79c	3,600,900	33.0	39.7	24.3	3.0
1916	8,521,784	30.74	4,214,312	43.9	41.7	12.9	1.5
1917	8,944,171	38.17	4,644,646	56.3	36.3	6.7	.7
1918	9,053,237	44.47	5,427,134	50.4	38.6	10.3	.7
1919	11,822,890	51.87	6,830,308	29.7	50.8	18.9	.6
1920	11,821,291	55.45	6,120,325	19.0	55.6	24.7	.7
1921	13,048,493	34.82	5,954,991	7.7	66.7	24.7	.9
1922	15,417,070	33.25	7,264,219	27.5	55.0	16.3	1.2
1923	17,868,853	32.97	10,776,318	21.6	64.7	12.6	1.1
1924	22,339,857	31.60	14,954,581	19.9	66.8	12.3	1.0
1925	19,630,101	35.45	11,896,613	18.0	68.3	12.1	1.6
1926E	Est. 20,750,000	33.00	11,461,530	13.3	71.6	13.7	1.4

Department of Agriculture, Dairy Commissioner's Office, Edmonton, January 19th, 1927.

TABLE III.—CREAMERY BUTTER PRODUCTION IN ALBERTA

TABLE IV.—FACTORY CHEESE PRODUCTION IN ALBERTA

Lbs. of	Selling		Factor	ies Lbs. of		
Year Creameries Butter	Value	c. per lb.	Year Chee	se Cheese	Value	c. per lb.
1906 42 1,960,356	\$ 415,800	(21.21)	1906 7	97,739	\$ 13,000	(13.3)
1907 45 1,487,924	350,000	(23.52)	1907 8	197,911	27,000	(13.6)
$1908_{}$ 51 $2,097,394$	526,800	(25.12)	1908 8	190,000	23,750	(12.5)
1909 54 2,476,975	600,000	(24.22)	1909 11	224,000	28,000	(12.5)
1910 60 2,238,078	575,000	(25.69)	1910 11	220,000	27,500	(12.5)
1911 56 2,543,368	635,000	(24.97)	1911 8	100,000	14,000	(14.0)
$1912_{}$ 53 $3,010,755$	823,500	(27.35)	1912 6	40,000	5,600	(14.0)
$1913_{}$ 49 4,115,537	1,090,475	(26.50)	1913 7	70,716	5,900	(14.0)
1914 46 5,444,806	1,417,000	(26.02)	1914 5	70,581	10,590	(15.0)
1915 57 7,544,148	2,021,448	(26.79)	1915 13	381,832	68,441	(17.93)
1916 57 8,521,784	2,619,248	(30.74)	1916 15	745,122	154,453	(20.73)
1917 66 8,944,171	3,414,541	(38.18)	1917 20	1,274,905	280,185	(21.97)
$1918_{}$ 56 $9,053,237$	4,025,851	(44.47)	1918 11	552,834	130,911	(23.68)
1919 53 11,822,890	6,132,739	(51.87)	1919 10	520,530	145,161	(27.9)
1920 53 11,821,291	6,555,509	(55.45)	1920 7	398,750	110,355	(27.7)
1921 44 13,048,493	4,543,007	(34.82)	1921 10	930,660	200,478	(21.54)
$1922_{}$ 54 $15,417,070$	5,126,843	(33.25)	1922 14	931,992	183,860	(19.73)
1923 75 17,868,853	5,891,186	(32.97)	$1923_{}$ 13	1,865,608	368,771	(19.76)
1924 89 22,339,857	7,059,630	(31.60)	$1924_{}$ 12	1,714,790	278,478	(16.24)
1925 98	6,959,058	(35.45)	$1925_{}$ 13	1,473,835	306,603	(20.80)
1926 99 20,750,000 E	st. 6,847,500	(33.00)	$1926_{}$ 15	1,350,000 Es	st. 249,750	(18.5)

